

1/10/00 3382-51286 MS116626.8

PATENT Atty. Ref. No. 3382-51286

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Galen C. Hunt

Application No.: 09/196,836

Filed: November 20, 1998

Art Unit: 2786

For: INSTRUMENTATION FOR RELATING

INTERFACES AND UNITS, WRAPPING

INTERFACES, HANDLING

UNDOCUMENTED INTERFACES, AND DETECTING PAIR-WISE LOCATION

**CONSTRAINTS** 

Date: January 10, 2000

**Assistant Commissioner for Patents** 

Washington, D.C. 20231

#### **CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on January 10, 2000 as First Class Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Mark L. Becker, Esq. Attorney for Applicant

### INFORMATION DISCLOSURE STATEMENT

Applicant submits herewith information of which he is aware, and which he believes may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56.

Applicant calls the Examiner's attention to the following co-pending U.S. patent application, which is commonly assigned as the above-referenced patent application:

1) Application No. 09/349,732

For: SERVICE INSTALLATION ON A BASE FUNCTION AND PROVISION OF A PASS FUNCTION WITH A SERVICE-FREE BASE FUNCTION SEMANTIC

Applicant: Galen C. Hunt

In view of the secrecy provisions of 37 C.F.R. § 1.14, Applicant has not provided a copy of the above-referenced co-pending U.S. patent application because submitting a copy of the patent application could be viewed as a waiver of the confidentiality that the Applicant is guaranteed under 35 U.S.C. § 122 and 37 C.F.R. § 1.14. Applicant has not listed the co-pending application on an accompanying 1449 form and requests that it not be listed on the face of the patent, in the event that it issues, to preserve the secrecy of the co-pending application.

KBR:jjv 1/10/00 3382-51286 MS116626.8

If a fee is required under 37 C.F.R. § 1.17(p), the Commissioner is hereby authorized to charge Deposit Account No. 02-4550.

Respectfully submitted,

KLARQUIST SPARKMAN CAMPBELL LEIGH & WHINSTON, LLP

By:\_

Mark L. Becker

Registration No. 31,325

One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, Oregon 97204

Telephone: (503) 226-7391 Facsimile: (503) 228-9446

Docket: 3382-51286

App: 09/196,836

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JUN 2 3 2005

BY APPLICANT

INFORMATION DISCLOSURE STATEMENT

Applicant: Galen C. Hunt

Filed: 11/20/98

Art Unit: 2786

### OTHER DOCUMENTS

	Aral, Ziya et al., "Efficient Debugging Primitives for Multiprocessors," ASPLOS-III Proceedings, Third International Conference on Architectural Support for Programming Languages and Operating Systems, Boston, Massachusetts, pp. 87-95 (April 1989)
	Aral, Ziya et al, "Non-Intrusive and Interactive Profiling in Parasight," ACM/SIGPLAN PPEALS 1988, New Haven, Connecticut, pp. 21-30. (July 1988)
	Osman, Eric, "DDT Reference Manual," Massachusetts Institute of Technology Artificial Intelligence Laboratory, Memo No. 147A, pp. 81 (September 1971)
	Evans, Thomas G., "On-Line Debugging Techniques: A Survey," AFIPS Conference Proceedings, Vol. 29, Fall Joint Computer Conference, pp. 37-50 (November 1966)
	Gill, S., "The Diagnosis of Mistakes in Programmes on the EDSAC," Proceedings of the Royal Society of London, Series A. Mathematical and Physical Sciences, Vol. 206, London, England, pp. 538-554 (May 1951)
	Kessler, Peter B., "Fast Breakpoints: Design and Implementation," Proceedings of the ACM SIGPLAN'90 Conference on Programming Language Design and Implementation, White Plains, New York, pp. 78-84 (June 1990)

**EXAMINER:** 

DATE

<sup>\*</sup>Examiner: Initial if considered, whether or not in conformance with MPEP 60; draw line through cite if not in conformance and not considered. Send copy.

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CLIENT/MATTER NO. 3282-51286  INVENTOR(S): 5444 5444 5444 5444 5444 5444 5444 54	mailed 01.10.00  n the date stamped hereon:  Months Extension of Time  Letter to Official Draftsman  Notice of Allowability  Sht(s) Drawings Formal  Petition
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KBR:jjv 1/19/00 3382-51286 MS116626.8

PATENT Atty. Ref. No. 3382-51286

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Galen C. Hunt

Art Unit: 2786

Application No.: 09/196,836

CERTIFICATE OF MAILING

Filed: November 20, 1998

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on January 19, 2000, as First Class Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

For: INSTRUMENTATION FOR RELATING INTERFACES AND UNITS, WRAPPING

INTERFACES, HANDLING UNDOCUMENTED INTERFACES, AND DETECTING PAIR-WISE

LOCATION CONSTRAINTS

Stephen A. Wight, Esq. Attorney for Applicant

Date: January 19, 2000

Assistant Commissioner for Patents Washington, D.C. 20231

### INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97(b)

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicant respectfully requests that these documents be listed as references cited on the issued patent.

This Information Disclosure Statement was filed before application received a first Office action on the merits. However, if a first Office action on the merits was mailed before this Information Disclosure Statement was filed, please charge any fees that may be required in connection with the filing of this Information Disclosure Statement, or credit overpayment, to Deposit Account No. 02-4550.

Respectfully submitted,

KLARQUIST SPARKMAN CAMPBELL LEIGH & WHINSTON, LLP

Stephen A. Wight

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KBR:jjv 1/19/00 3382-51286 MS116626.8

THE STATES OF ST	Docket: 3382-51286	App: 09/196,836		
INFORMATION DISCLOSURE STATEMENT	Applicant: Galen C. Hunt			
BY APPLICANT	Filed: 11/20/98	Art Unit: 2786		
OTHER I	OCUMENTS			
Keppel, David, "A Portable In Modification," University of V	terface for On-The-Fly Instru Vashington, Seattle, Washing	ction Space gton, pp. 86-94 (1991)		
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Using Etch," Proceedings of t	Romer, Ted et al., "Instrumentation and Optimization of Win32/Intel Executables Using Etch," Proceedings of the USENIX Windows NT Workshop 1997, Seattle, Washington, pp. 1-7 (August 1997)			
Analysis Tools," Proceedings	Srivastava, Amitabh et al., "ATOM: A System for Building Customized Program Analysis Tools," Proceedings of the SIGPLAN '94 Conference on Programming Language Design and Implementation, Orlando, Florida, pp. 196-205 (June 1994)			
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EXAMINER:	DATE			
*Examiner: Initial if considered, whether or not in conformance with MPEF if not in conformance and not considered. Send copy.		); draw line through cite		

CLIENT/MATTER NO. 3382 51286 INVENTOR(S): Hunt	ATTY/SECKER GN
SERIAL NO. 09 196,836 FILE	NG DATE 11.20.98
by First Class Mail, was received in the U.S. PTO	, mailed <u>01.19.00</u>
Amendment After Final Rejection	
Notice to File Msg. Parts - Date Comb. Decl./POA	Letter to Official Draftsman
Verf'd. Stmt. Claiming Sm. Parity Status In connection with Issuance of a Patent:	Sht(s) Drawings Formal
Supp. Declaration Form PTOL-85b	Form PTO-1449/Ref.
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**PATENT** 

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hunt

Application No. 09/196,836

Filed: November 20, 1998

For: INSTRUMENTATION FOR RELATING INTERFACES AND UNITS, WRAPPING

INTERFACES, HANDLING UNDOCUMENTED INTERFACES, AND DETECTING PAIR-WISE

LOCATION CONSTRAINTS

Examiner: Not yet assigned

Date: March 9, 2001

Art Unit: 2786

### CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on March 9, 2001 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Kyle B. Ringhart Attorney for Applicant

## PURSUANT TO 37 C.F.R. § 1.97(b)

COMMISSIONER FOR PATENTS Washington, DC 20231

Sir:

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicant respectfully requests that these documents be listed as references cited on the issued patent.

Applicant filed this Information Disclosure Statement within three months of the filing date of a national application, within three months of the date of entry of the national stage as set forth in § 1.491 in an international application, before the mailing date of a first Office action on the merits, or before the mailing of a first Office action after the filing of request for continued examination under § 1.114. However, if the Patent Office determines that a fee is required for

Applicant to file this Information Disclosure Statement, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A duplicate copy of this Information Disclosure Statement is enclosed.

Respectfully submitted,

KLARQUIST SPARKMAN CAMPBELL LEIGH & WHINSTON, LLP

By

Kyle B/Rinehart

Registration No. 47,027

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Telephone: (503) 226-7391 Facsimile: (503) 228-9446

cc: Patent Group Docketing Dept. (116626.8)

Docketing

### INFORMATION DISCLOSURE **STATEMENT**

Docket: 3382-51286

App: 09/196,836

Applicant: Hunt

Filed: November 20, 1998

Art Unit: 2786

### BY APPLICANT

### **U.S. PATENT DOCUMENTS**

Init.*	Number	Date	Name	Class	Sub	Filed
	5,193,180	03/09/93	Hastings			
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	5,535,329	07/09/96	Hastings			
	5,987,247	11/16/99	Lau			
	6,088,717	07/11/00	Reed et al.			
	6,112,304	08/29/00	Clawson			
	6,134,559	10/17/00	Brumme et al.			
EXAMIN	ED.		DATE			

EXAMINER:

<sup>\*</sup>Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

## INFORMATION DISCLOSURE

App: 09/196,836 Docket: 3382-51286

STATEMENT	Applicant: Hunt
BY APPLICANT	Filed: November 20, 1998 Art Unit: 2786
	OTHER DOCUMENTS
Galen C. Hunt a Component App (October 1997).	nd Michael L. Scott, "Coign: Automated Distributed Partitioning of lications," Abstract from SOSP Work-in-Progress session, 1 pp.
	nd Michael L. Scott, "Coign: Automated, Distributed Partitioning of lications," Poster from SOSP Work-in-Progress session, 9 pp.
	nd Michael L. Scott, "Contributions," Poster from SOSP Work-in-3 pp. (October 1997).
	nd Michael L. Scott, "Coign: Automated Distributed Partitioning of lications," Presentation from SOSP Work-in-Progress session, 13 pp.
	ad Michael L. Scott, "Coign: Automated Distributed Partitioning of lications," Slide Presentation from SOSP Work-in-Progress session, 57).
Kirtland, M., "C Runtime Servic	oject-Oriented Software Development Made Simple With COM+s," Microsoft Systems Journal, Vol. 12, pp. 49-59 (November 1997).
CORBA With F	"Exploiting the Internet Inter-ORB Protocol Interface to Provide ault Tolerance," Proceedings of the Third USENIX Conference on Technologies and Systems, 11pp. (June 1997).
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Vinoski, S., "CO Heterogeneous I	RBA: Integrating Diverse Applications Within Distributed nvironments," IEEE Communications, 14(2) (February 1997).
EXAMINER:	DATE

### INFORMATION DISCLOSURE **STATEMENT**

Docket: 3382-51286	App: 09/196,836
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Applicant: Hunt

# Filed: November 20, 1998 Art Unit: 2786 BY APPLICANT **OTHER DOCUMENTS** Wang et al., "COMERA: COM Extensible Remoting Architecture," Proceedings of the 4th USENIX Conference on Object-Oriented Technologies and Systems (COOTS '98), pp. 79-88 (April 1998). DATE **EXAMINER:**

\*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

CLIENT/MATTER NO. 3382-51280  INVENTORIC HUNT  SERIAL NO. 00 1916, 8310 FILING DATE 1.20.98  The following, due, mailed 3.9.0  The following, due, mailed 3.9.0  The following, due, mailed 3.9.0  Amendment After Fine Rejection Months Extension of Time Notice to File Msg. Parts - Date Notice of Allowability

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### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Galen C. Hunt

Application No. 09/196,836

Filed: November 20, 1998

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UNDOCUMENTED INTERFACES, AND

DETECTING PAIR-WISE LOCATION

**CONSTRAINTS** 

Examiner:

Date: April 4, 2001

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### **CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on April 4, 2001 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Kyle B. Rinehart 
Attorney for Applicant

Art Unit: 2786

## <u>PURSUANT TO 37 C.F.R. § 1.97(b)</u>

COMMISSIONER FOR PATENTS Washington, DC 20231

Sir:

Listed on the accompanying form PTO-1449 and enclosed herewith are several Englishlanguage documents. Applicant respectfully requests that these documents be listed as references cited on the issued patent.

Applicant filed this Information Disclosure Statement within three months of the filing date of a national application, within three months of the date of entry of the national stage as set forth in § 1.491 in an international application, before the mailing date of a first Office action on the merits, or before the mailing of a first Office action after the filing of request for continued

examination under § 1.114. However, if the Patent Office determines that a fee is required for Applicant to file this Information Disclosure Statement, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A duplicate copy of this Information Disclosure Statement is enclosed.

Respectfully submitted,

KLARQUIST SPARKMAN CAMPBELL LEIGH & WHINSTON, LLP

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Kyle B. Rimehart

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cc: Patent Group Docketing Dept. (116626.8)

**Docketing** 

### INFORMATION DISCLOSURE **STATEMENT**

Docket: 3382-51286

App: 09/196,836

Applicant: Galen C. Hunt

BY APPLICANT

not in conformance and not considered. Send copy.

Filed: November 20, 1998

Art Unit: 2786

## U.S. PATENT DOCUMENTS Filed Class Sub Name Number Date Init.\* FOREIGN PATENT DOCUMENTS Class Sub Country Date Number **OTHER DOCUMENTS** Zielinski et al., "A Tool for Monitoring Software-Heterogeneous Distributed Object Applications," Proc. 15<sup>th</sup> Int'l Conf. on Distributed Computing Systems, Vancouver, Canada, IEEE CS Press, pp. 11-18 (May 1995).

DATE **EXAMINER:** \*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if

## BEST AVAILABLE COPY

The following, due	Notice of Allowability  Sht(s) Drawings Formal  Form PTO-1449/Ref.  Petition tripl.  Transmittal Ltrdupltripl.	

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Galen C. Hunt

Application No. 09/196,836

Filed: November 20, 1998

For: INSTRUMENTATION FOR RELATING INTERFACES AND UNITS, WRAPPING

INTERFACES, HANDLING

UNDOCUMENTED INTERFACES, AND DETECTING PAIR-WISE LOCATION

**CONSTRAINTS** 

Examiner: Not yet assigned

Date: June 26, 2003

Art Unit: n/a

### **CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on June 26, 2003 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

Kyle B. Kinehart Attorney for Applicant

## PURSUANT TO 37 C.F.R. § 1.97(b)(3)

COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

Listed on the accompanying form PTO-1449 and enclosed herewith is an English-language document. Applicant respectfully requests that this document be listed as a reference cited on the issued patent.

Applicant filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS.

However, if the Patent Office determines that a fee is required for Applicant to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A duplicate copy of this IDS is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in Rule 56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

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Kyle B Rinehart

Registration No. 47,027

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Telephone: (503) 226-7391 Facsimile: (503) 228-9446

cc: Client (116626.8)

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### **Attorney Docket Number** 3382-51286 **Application Number** 09/196,836 November 20, 1998 Filing Date INFORMATION DISCLOSURE STATEMENT Galen C. Hunt First Named Inventor BY APPLICANT Art Unit n/a **Examiner Name** Not yet assigned U.S. PATENT DOCUMENTS Examiner's Cite No. Name Date Number (optional) Initials\* FOREIGN PATENT DOCUMENTS Examiner's Cite No. Country Date Number Initials\* (optional) Cite No. Examiner's **OTHER DOCUMENTS** (optional) Initials\* Pietrek, "Learn System-Level Win32 Coding Techniques by Writing an API Spy Program," Microsoft Systems Journal, pp. 17-44 (December 1994).

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+ E Litial if reference considered whether or not in	conformance with MPEP 609. Draw line through cite if not

<sup>\*</sup> Examiner: Initial if reference considered, whether or not in conformance with MP in conformance and not considered. Include copy of this form with next communication to applicant.

### **BEST AVAILABLE COPY**

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